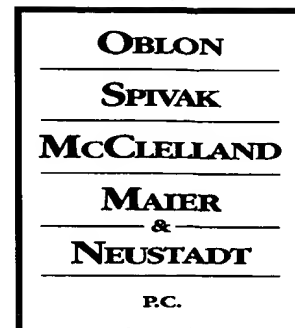




IFW DAC



Docket No.: 209650US0DIV

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

ATTORNEYS AT LAW

RE: Application Serial No.: 09/884,948
Applicants: Keiichi YOKOYAMA, et al.
Filing Date: June 21, 2001
For: PROCESS FOR PRODUCING MICROBIAL
TRANSGLUTAMINASE
Group Art Unit: 1653
Examiner: Bugaisky, G. E.
Allowed: April 7, 2004

SIR:

Attached hereto for filing are the following papers:

Petition Under 37 C.F.R. §1.181(a)(3)
Copy of Date-stamped Filing Receipt dated June 21, 2001
Copy of Information Disclosure Statement filed June 21, 2001
Copy of Form PTO 1449 filed June 21, 2001

Our check in the amount of \$0.00 is attached covering any required fees. In the event any variance exists between the amount enclosed and the Patent Office charges for filing the above-noted documents, including any fees required under 37 C.F.R. 1.136 for any necessary Extension of Time to make the filing of the attached documents timely, please charge or credit the difference to our Deposit Account No. 15-0030. Further, if these papers are not considered timely filed, then a petition is hereby made under 37 C.F.R. 1.136 for the necessary extension of time. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.
Norman F. Oblon

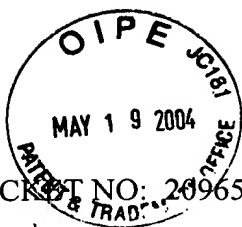
Vincent K. Shier, Ph.D.

Registration No. 50,552

Customer Number

22850

(703) 413-3000 (phone)
(703) 413-2220 (fax)



DOCKET NO: 209650US0DIV

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF :
KEIICHI YOKOYAMA, ET AL. : EXAMINER: BUGAISKY, G.E.
SERIAL NO: 09/884,948 : GROUP ART UNIT: 1653
FILED: JUNE 21, 2001 : ALLOWED: APRIL 7, 2004
FOR: PROCESS FOR PRODUCING MICROBIAL TRANSGLUTAMINASE:

PETITION UNDER 37 C.F.R. §1.181(a)(3)

COMMISSIONER FOR PATENTS
Alexandria, VA 22313-1450

SIR:

Petitioners respectfully request the Office to invoke the supervising authority of the Commissioner and consider Petitioners' Comments on Statement of Reasons for Allowance, concurrently filed herewith, and also indicate that the references cited on the Information Disclosure Statement filed on June 21, 2001, have been considered. Petitioners respectfully request that the Examiner acknowledge consideration of same by providing Applicants with an initialed copy of Form PTO-1449 enclosed herewith listing these references. Petitioners submit herewith copies of the Information Disclosure Statements as filed on June 21, 2001, along with a copy of the date-stamped filing receipt evidencing the timely filing thereof.

Petitioners submit that the references listed on the enclosed Form PTO-1449 were mentioned in the parent application U.S. 09/448,310, filed on November 24, 1999. Therefore, copies of the cited references may be obtained from the U.S. 09/448,310. In the event that the Examiner is unable to obtain these references, it is requested that the undersigned be contacted as soon as possible to avoid any further, unnecessary delay in examination.

For the reasons given above, this petition should be GRANTED.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.
Norman F. Oblon



Vincent K. Shier, Ph.D.
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(OSMMN 08/03)
NFO:VKS



COPY

Dept.: Chemical

By: NFO/DJP/km

OSMM&N File No. 209650US0DIV

Serial No. New U.S. APPLICATION

In the matter of the Application of: Keiichi YOKOYAMA et al

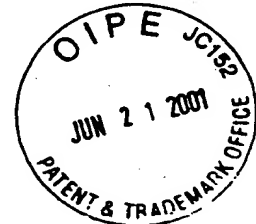
For: PROCESS FOR PRODUCING MICROBIAL TRANSGLUTAMINASE

The following has been received in the U.S. Patent Office on the date stamped hereon:

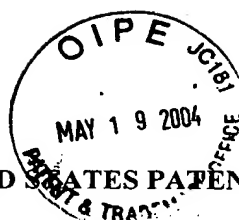
- ☒ 67 pp. Specification 25 Claims/Drawings 7 Sheets
and 2 pages Application Data Sheet
- ☒ Combined Declaration, Petition & Power of Attorney 3 pages, Executed Copy
- ☐ List of Inventor Names and Addresses
- ☒ Utility Patent Application Transmittal
- ☒ Notice of Priority
- ☒ Check for \$710.00
- ☒ Fee Transmittal Form
- ☐ Assignment/PTO 1595 pages:
- ☐ Letter to Official Draftsman
- ☐ Letter Requesting Approval of Drawing Changes
- ☐ Drawings sheets ☐ Formal
- ☒ Substitute Declaration, Petition & Power of Attorney, 3 pages, Executed Copy from parent application
- ☒ Preliminary Amendment w/copy of Substitute Sequence Listing attached (Paper)
- ☒ Information Disclosure Statement ☒ PTO-1449
- ☐
- ☐ Search Report
- ☐ Statement of Relevancy
- ☐ IDS/Related/List of Related Cases
- ☐ Restriction Response
- ☐ Rule 132 Declaration
- ☐ Request for Extension of Time
- ☐ Notice of Appeal
- ☐ Brief
- ☐ Issue Fee Transmittal
- ☒ White Advance Serial Number Card
- ☐ Small Entity Status is Claimed
- ☐ Marked-up copy
- ☐

- ☐ CPA
- ☐ Priority Doc
- ☒ Dep. Acct. Order Form

- ☐ Cited Pending Applications
- ☐ Election Response



Due Date: JUNE 27, 2001



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Keiichi YOKOYAMA et al
SERIAL NO: NEW U.S. APPLICATION
FILED: HEREWITH
FOR: PROCESS FOR PRODUCING MICROBIAL TRANSGLUTAMINASE

INFORMATION DISCLOSURE/RELATED CASE STATEMENT UNDER 37 CFR 1.97

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449 were mentioned in parent application 09/448,310 filed November 24, 1999.
- ☐ A check is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

COPY
OBLOM, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

Norman F. Oblon
Registration No. 24,618

Daniel J. Pereira, Ph.D.
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Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 209650US0DIV		SERIAL NO. New Application	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Keiichi YOKOYAMA et al.			
				FILING DATE Herewith		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
AA	5,736,356	04/07/98	Sano et al.				
AB	5,156,956	10/20/92	Motoki et al.				
AC	5,514,573	05/07/96	Yasueda et al.				
AD	5,731,183	03/24/98	Kobayashi et al.				
AE	6,013,498	1/2000	Yokoyama et al				
AF							
AG							
AH							
AI							
AJ							
AK							
AL							
AM							
AN							
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO			
AO	0 481 504	04/22/92	EUROPE				
AP	64-27471	01/30/89	JAPAN (English Abstract provided)				X
AQ	1-50382	10/30/89	JAPAN (English Abstract provided)				X
AR	5-199883	08/10/93	JAPAN (English Abstract provided)				X
AS	6-30771	02/08/94	JAPAN (English Abstract provided)				X
AT	WO 96/22366	07/25/96	WIPO				
AU	WO 96/06931	03/07/96	WIPO				
AV							
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
AW	Shino Takehana et al., "CHEMICAL SYNTHESIS OF THE GENE FOR MICROBIAL TRANSGLUTAMINASE FROM <i>STREPTOVERTICILLIUM</i> AND ITS EXPRESSION IN <i>ESCHERICHIA COLI</i> ", Biosci. Biotech. Biochem., Vol. 58, No. 1, pp. 88-92, 1994.						
AX	Misako KAWAI et al., "HIGH-LEVEL EXPRESSION OF THE CHEMICALLY SYNTHESIZED GENE FOR MICROBIAL TRANSGLUTAMINASE FROM <i>STREPTOVERTICILLIUM</i> IN <i>Escherichia coli</i> ", Biosci. Biotech. Biochem., Vol. 61, No. 5, pp. 830-835, May 1997.						
AY	Arie Ben-Bassat et al., "PROCESSING OF THE INITIATION METHIONINE FROM PROTEINS: PROPERTIES OF THE <i>ESCHERICHIA COLI</i> METHIONINE AMINOPEPTIDASE AND ITS GENE STRUCTURE", Journal of Bacteriology, Vol. 169, No. 2, pp. 751-757, 1987.						
AZ	Roohaida Othman et al., "HUMAN NON-PANCREATIC (GROUP II) SECRETED PHOSPHOLIPASE A ₂ EXPRESSED FROM A SYNTHETIC GENE IN <i>ESCHERICHIA COLI</i> : CHARACTERISATION OF N-TERMINAL MUTANTS", Biochem. Biophys. Acta, Vol. 1303, No. 2, pp. 92-102, 1996.						
Examiner				Date Considered			
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Form PTO 449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.
209650US0DIVSERIAL NO.
New Application

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Keiichi YOKOYAMA et al.

FILING DATE

Herewith

GROUP

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

AAA

Koji Ikura et al., "AMINO ACID SEQUENCE OF GUINEA PIG LIVER TRANSGlutAMINASE FORM ITS cDNA SEQUENCE", Biochemistry, Vol 27, pp. 2898-2905, 1988.

AAB

M. A. Phillips et al., "PRIMARY STRUCTURE OF KERATINOCYTE TRANSGlutAMINASE", Proc. Natl. Acad. Sci, USA, Vo. 87, pp. 9333-9337, December 1990.

AAC

Akitada Ichinose et al, "AMINO ACID SEQUENCE OF THE A SUBUNIT OF HUMAN FACTOR XIII", Biochemistry, Vol. 25, pp. 6900-6906, 1986.

AAD

A. Ben-Bassat et al., "AMINO-TERMINAL PROCESSING OF PROTEINS", Nature, Vo. 326, p. 315, March 19, 1987.

AAE

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AAP

AAQ

Examiner

Date Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

COPY